

Result No.	Score	Query	Match	Length	DB	ID	Description	FEATURES	Source
1	239	100.0	510	3	BI1375946	BI1375946 RE63054.5		1. 510 /organism="Drosophila melanogaster" /mol_type="mRNA" /db_xref="taxon:7227" /clone="RE63054.5" /sex="male and female" /dev_stage="0-24 hours mixed stage embryonic" /lab_host="DHS-alpha TonA" /clone_lib="RE Drosophila melanogaster normalized Embryo PF1c-1" /note="Organ: embryo; Vector: pFLc1; Site_1: Xhol; Site_2:	
c 2	145.4	60.8	379	7	CO306026	CO306026 RE630125.			
c 3	37.2	15.6	1138	3	BQ144508	BQ144508 NF08B01D			
c 4	35.6	14.9	162	5	BW068571	BW068571 CL579846 OB			
c 5	35.2	14.7	625	10	CL579846	CL579846 OB			
c 6	35.2	14.7	712	10	CL579849	CL579849 OB			
c 7	35	14.6	496	2	BF024030	BF024030 PvP 100 L			
c 8	34.8	14.6	625	6	CD648340	CD648340 AUF 102 H			
c 9	34.6	14.5	563	9	AZ581975	AZ581975 IM0370K21			
c 10	34.4	14.4	698	8	DN983220	DN983220 SV6709 S			
c 11	34	14.2	670	11	LBAP025H06	LBAP025H06 BX542182 Leishmanni			
c 12	34	14.2	670	11	LBAP025H09	BX542273 Leishmanni BX137891 Dano rer			
c 13	33.8	14.1	507	10	BX137891	BX137891 Dano rer			
c 14	33.6	14.1	638	9	AZ983355	AZ983355 M0224C01			
c 15	33.6	14.1	833	10	CZ712792	CZ712792 OC			
c 16	33.4	14.0	845	6	CF813122	CF813122 EST630504			
c 17	33.4	14.0	849	7	CO014533	CO014533 EST704915			
c 18	33.4	14.0	855	7	CF818084	CF818084 EST65466			
c 19	33.4	14.0	1026	4	AF227817	AF227817 Ictalurus			
c 20	33.2	13.9	537	5	BQ733558	BQ733558 WHE4103_A			
c 21	33.2	13.9	557	3	BJ645499	BJ645499 C2915578 401301280			
c 22	33	13.8	273	10	CZ915578	CZ915578 401301280			

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OM nucleic - nucleic search, using SW model.

Run on: December 22, 2005, 23:34:02 ; Search time: 2378.54 Seconds  
(without alignment)  
4701.242 Million cell updates/sec

Title: US-10-614-282-1

Perfect score: 239  
Sequence: 1 atacgtacacttggtaag.....tgtgttccggctggacaaat 239

Scoring table: IDENTITY\_NUC Gapop 10.0 , Gapext 1.0

Searched: 41078325 seqs, 23393541228 residues

Total number of hits satisfying Chosen parameters:

82156650 Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

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EST:*
1: 9b_est1:*
2: 9b_est2:*
3: 9b_est3:*
4: 9b_hnc:*
5: 9b_est4:*
6: 9b_est5:*
7: 9b_est6:*
8: 9b_est7:*
9: 9b_g981:*
10: 9b_g982:*
11: 9b_g983:*
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RESULT 1

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LOCUS          BI1375946
DEFINITION    RE63854.5 prime RE Drosophila melanogaster normalized Embryo pFLc-1
               mRNA
Drosophila melanogaster cDNA clone RE63854 5, mRNA sequence.
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ACCESSION    BI1375946
VERSION      BI1375946.1 GI:15071974
KEYWORDS    EST.
SOURCE       Drosophila melanogaster (fruit fly)
ORGANISM    Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Drosophila.
```

```
REFERENCE  1 (bases 1 to 510)
AUTHORS   Stapleton,M., Brookstein,P., Hong,L., Tyler,D., Berman,B., Dorselt,V., Parfan,D., Frise,E., Carlson,J., Chame, M., Chavez,C., Dorselt,V., Harris,N., Li,P., Liao,G., Miera,S., Mungall,C.J., Nuovo,J., Padle,J., Paragras,V., Park,S., Phouansavong,S., Wan,K., Yu,C., Lewis,S.P., Celniker,S. and Rubin,G.M.
```

TITLE BDGP/HM1 RE Drosophila EST Project

COMMENT Unpublished (2000).

Other ESTs: RE63054:prime

```
Contact: Stapleton, M.
BDGP
Lawrence Berkeley National Lab
One Cyclotron Rd, Berkeley, CA 94720, USA
Fax: 510 486 6798
Email: http://www.fruitfly.org/EST, est@fruitfly.berkeley.edu
hit genomic AE003674; arm-3R [2306679, 2604706]
estimated-cyto:83F1-84A5: 05/16/2001
Plate: RE.638
row: E
column: 6
High quality sequence stop: 453.
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Location/Qualifiers

1. 510

/organism="Drosophila melanogaster"

/mol\_type="mRNA"

/db\_xref="taxon:7227"

/clone="RE63054.5"

/sex="male and female"

/dev\_stage="0-24 hours mixed stage embryonic"

/lab\_host="DHS-alpha TonA"

/clone\_lib="RE Drosophila melanogaster normalized Embryo

pFLc-1"

/note="Organ: embryo; Vector: pFLc1; Site\_1: Xhol; Site\_2:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

#### Description

#### FEATURES

#### Source

#### COMMENT

#### DEFINITION

#### LOCUS

#### VERSION

#### KEYWORDS

#### ORGANISM

#### DEFINITION

#### DEFINITION